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Chapters: Pro Java EE 5 Performance Management and Optimization

Posted by: Regina Lynch on October 11, 2006   0 comments   last post: October 11, 2006

According to Steven Haines, performance and scalability testing are crucial to successful application deployment. These two chapters, taken from *Pro Java EE 5 Performance Management and Scalability*, illustrate how to set up a proper testing environment and the strategy of ensuring performance before testing for scalability.

ObjectLabKit 1.0.1: Date Calculators for Business and Finance

Posted by: Benoit Xhenseval on October 11, 2006   1 comment   last post: October 11, 2006

ObjectLab has announced the release of version 1.0.1 of ObjectLab Kit for Java 1.5, available for download via SourceForge or the Maven Central Repository. The Kit provides Date Calculators and comes in two versions: one based on pure JDK (1.5) and one based on the Joda-time library (1.3+, JDK 1.5).

Podcast: John Davies on the Investment Banking Technology Stack

Posted by: Regina Lynch on October 11, 2006   7 comments   last post: October 11, 2006

In this podcast, taken from a keynote presentation given at TSSJS-Europe, C24 co-founder and CTO John Davies discusses the technology stack used by investment banks. The presentation covers what banks like or don't like and why, what they use, what they'd rather not use, and what they're looking at for the future.

Hammurapi Rules supports JSR-94

Posted by: Pavel Vlasov on October 11, 2006   1 comment   last post: October 11, 2006

Hammurapi Group has announced the latest release of its rules engine product, Hammurapi Rules. This release adds support for JSR-94. Hammurapi Rules is an open source

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Pro Java EE 5 Performance Management and Scalability

According to Steven Haines, performance and scalability testing are crucial to successful application deployment. These two chapters illustrate how to set up a proper testing environment and the strategy of ensuring performance before testing for scalability. (October 11, Book Excerpt)

Free Book: Mastering EJB 3.0

The fourth edition in the *Mastering EJB* series, this book provides in-depth coverage on the changes that come with EJB 3.0. More than 50% new and revised, the free download covers the latest features of the new release and information on the Java Persistence API and the entities defined therein. (July 17, Book Download)

Geert Bevin on RIFE

In this tech talk, given at TSSJS 2006, Geert Bevin, founder of RIFE, discusses various features of the full-stack, open-source Java Web application component framework. In particular, Bevin focuses on continuation support and RIFE's templating syntax. (October 9, Tech Talk)

(LGPL) rules engine, with Java being the primary language for rules authoring.

Revised Article: Hibernate 3.1 Used with Tomcat 5.5

Posted by: Regina Lynch on October 10, 2006   17 comments   last post: October 11, 2006

Bill Treuman and Igor Dayen have responded to reader feedback generated by their article posted last month with a newly revised and updated version. The new article explains the chosen programming style, and an instance variable has now correctly been reposted as a local variable declared within a method.

Iona releases Artix ESB

Posted by: Regina Lynch on October 10, 2006   3 comments   last post: October 11, 2006

Iona, a SOA infrastructure solutions provider, has announced the latest release of its Artix Enterprise Service Bus (ESB). New features include expanded standards, platform and transport support, enhanced orcestration, and management capabilities.

Persisting Beans into JSR-170 Content Repositories

Posted by: Nicolas Modrzyk on October 10, 2006   16 comments   last post: October 11, 2006

OpenWFE has written a library to persist JavaBeans to any JSR-170 compatible content repository under the BSD license. This library allows persistence and retrieval any of the persisted objects, list or maps of beans, making the content repository a workable datastore.

Codign Software Releases CoView 2.2

Posted by: joe ponczak on October 10, 2006   0 comments   last post: October 10, 2006

Codign Software has announced the release of CoView 2.2 for Eclipse. CoView creates JUnit tests that execute a method's logical and data-driven paths. CoView also measures path coverage for detailed

Is Software Becoming More Testable?

It is clear that testing is becoming an important driver for design, despite degrees of tension. **Alan West discusses how stored testing knowledge and automated checks and tests can increase framework testability.** (October 4, Article)

JasperReports TechAnim

In this tech animation from

JavaBlackbelt.com, Teodor Danciu walks through the process of creating a jasper report from an XML report definition, step by step and with clear navigation. (September 26, Animation)

Free Book PDF Download: EJB Design Patterns

A companion/standalone book to Mastering EJB 2, EJB Design Patterns seeks to solidify and centralize all the cutting edge strategies and design patterns in use today. (Book PDF Download)

Testing Concurrent Programs

In this article, Brian Goetz, author of the recently-released *Java Concurrency in Practice*, explores some of the major issues in testing concurrent classes, and offers some techniques for constructing concurrent programs that make them easier to test. (September 25, Article)

Peter Walker: Java Business Integration 101

Learn how Java Business Integration (JBI) contains service provider interfaces (SPI) that can be used to write

coverage analysis.

SubEthaSMTP 1.1, SMTP server component in Java, released

Posted by: Jon Stevens on October 10, 2006   3 comments   last post: October 10, 2006

SubEthaSMTP is a Java library which provides a receptive SMTP server component. By plugging this component into your Java application, you can easily receive SMTP mail using a simple abstract Java interface. Hypothetical uses include a mailing list manager, a mail server that delivers mail to user inboxes, or a mail archiver.

jbi4corba released, allowing CORBA services to participate in JBI

Posted by: raffaele spazzoli on October 10, 2006   2 comments   last post: October 10, 2006

Jbi4Corba, a JBI compliant binding component, has been released. It allows mapping a CORBA service as an internal JBI endpoint. This is simply done by deploying into a JBI ESB a service unit containing the CORBA service's IDL without coding. This means that the endpoint might be able to be externally exposed as a SOAP service, for example, through JBI's messaging layers.

Tech Talk: Geert Bevin on RIFE

Posted by: Regina Lynch on October 09, 2006   3 comments   last post: October 10, 2006

In this tech talk, given at JavaOne 2006, Geert Bevin, founder of RIFE, discusses various features of the full-stack, open-source Java Web application component framework. In particular, Bevin focuses on continuation support and RIFE's templating syntax.

Closures without Complexity

Posted by: Joseph Ottinger on October 09, 2006   36 comments   last post: October 11, 2006

Bob Lee, Doug Lea, and Josh Bloch have written up another proposal for closures in Java, offering a shorthand notation for "single abstract method" types, such as Comparators or Runnables. For these types, the suggestion omits the keyword 'new,' the class declaration, and the method name from class instance creation expressions.

middleware, integrated middleware, change BPEL (business process execution language) or create new BPEL scripts using business process notation. (September 26, Tech Talk)

AJAX Warrior: Back to the Future in a Fun Way!

This chapter excerpt walks through the planning, design and implementation stages of an example Ajax application: a game. Author Frank Zammetti covers "naked" Ajax (not using a library or toolkit), JSON, and CSS and DOM scripting techniques. Associative arrays and a new server-side framework are also discussed. (September 21, Book Excerpt)

High Performance and Standard Transformation for Complex Financial Services Messages

In this white paper, John Davies, CTO of software development firm Century 24 Solutions Limited [C24], introduces the company's Integration Objects (IO) and describes their move to XSLT and XQuery for transformation. He then links to PDF by Mike Kay, author of XQuery and XSLT, on XQuery. (September 21, Article)

Max Katz on Ajax, JSF, and Ajax for JSF

In this tech talk, given at JavaOne in May, Exadel senior systems engineer Max Katz discusses how well Exadel VCP, a component library for Ajax and JSF, simplifies development with a component-based approach. (September 20, Tech Talk)

Hibernate 3.1 Used with Tomcat

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- What's better with SOA? (October 05, 2006)
- TeamCity - October Revolution in Team Development (October 05, 2006)
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Part I: Introduction to ITIL for the IT Executive - Podcast
Download this Podcast to hear how ITIL can help you achieve improved service delivery and gain tighter control of your IT operations.

Easy Integration of Excel with SAP Solutions for Financial Data

5.5.x
This three-article series describes the configuration of Tomcat 5.5.x and Hibernate 3.1 so they can be used together. Part one describes how to configure the Tomcat 5.5 Context.xml file using raw JDBC to access the MySQL database, part two describes the same process with Hibernate intead of raw JDBC, and part three illustrates a Hibernate database update and talks about application design in a shopping cart scenario. (September 19, Article)

Bonita v2 Series: Part Three
This third article in a trilogy on Bonita v2 steps back and deals with the application layer, demonstrating how to couple a workflow engine (Bonita) and a portal (eXo Java Content Repository). (September 13, Article)

Naked Objects 3.0: Integration with Hibernate
In this article, the Naked Objects group looks at new features included in the Milestone 1 release of version 3.0 of the Naked Objects framework. Among the changes are a POJO programming model and integration with Hibernate. (September 11, Article)

Agile Java Development with Spring, Hibernate and Eclipse
These chapters, taken from *Agile Java Development,* focus on using Hibernate and Spring MVC to develop a sample application. Included are descriptions and benefits of the technologies, along with how-to's for developing classes needed to implement application functionality

Excel and SAP integration is essential for maximized productivity across both applications. Learn how to eliminate timely manual data entry without additional programming or significant IT support.

Transparent Integration and Synchronization of Data with DataXtend Enterprise

Many SOA projects fail due to underestimating requirements for dealing with the data layer of the infrastructure. Learn how to synchronize data in real time across a distributed enterprise, using a transformation system based on a common data model.

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using Hibernate and building screens in the application using Spring MVC. (August 2, Book Excerpt)

Application Server Matrix

The Application Server Matrix is a detailed listing of J2EE vendors and their application server products, with information on latest version numbers, J2EE spec support and licensing, pricing, platform support, and links to product downloads and reviews. (Application Server Comparison Matrix)